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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

IN RE THE APPLICATION OF

Paul Beard

SERIAL NO.: 10/088,322

FILING DATE: 06/11/02

FOR: An Optical Inter Ferometer Sensor Array

) Docket No. 920537-905649

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) Examiner: Khaled Brown

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) Group Art Unit: 2877

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) I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to Assistant Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on October 13, 2004

Signature

Iris Perez

**RESPONSE TO OFFICE ACTION OF JUNE 30, 2004**

Honorable Commissioner of Patents

P.O. Box 1450

Alexandria, Virginia 22313-1450

Dear Sir:

This response is being filed in view of the examiner's Office Action of June 30, 2004.

No amendments are being offered as none are believed appropriate, as will be seen from the comments below.

The examiner has first rejected claims 9-13 under 35 U.S.C. Section 112 as being indefinite because the claims recite the limitation "the sensor head", and there is insufficient antecedent basis for that limitation. Reconsideration is requested.

Claims 9, 11 and 12 depend from claim 1. Claim 1 specifically recites the sensor head, that term being repeated in lines 4, 5, 6-7 and 8-9. Recitation of the sensor head is also found in dependant claim 3, and no objection has been raised regarding this claim. Since it appears that everything is in order, the examiner's reconsideration of the rejection is requested.